

**1997 CALFED BAY-DELTA PROGRAM CATEGORY III
ECOSYSTEM RESTORATION PROJECTS AND PROGRAMS
INQUIRY SUBMITTAL**

a. Project Title. Tyler Island (Georgiana Slough), California.

Applicant Name: U.S. Army Corps of Engineers (potential non-Federal sponsor is the State of California Reclamation Board).

b. Project Description and Primary Biological/Ecological Objectives: The proposed project would be to restore shaded riverine aquatic habitat along Georgiana Slough by recreating berms at selected locations along the waterside of existing flood control levees. At these sites, rock revetment will be built to contain the new berm and the area between the levee and the revetment will be filled with dredged material from the channel; the new berm will be planted with riparian species. This will restore the shaded riverine aquatic habitat that has been lost through the Delta. Species such as winter-run chinook salmon would benefit from this project.

c. Approach/Tasks/Schedule: The Corps of Engineers is in the process of developing a Preliminary Restoration Plan for this potential project. The study is being investigated under the authority of Section 1135 of the Water Resources Development Act of 1986, as amended - Project Modification for Improvement of the Environment. It is anticipated that the PRP will be developed into a Project Modification Plan (feasibility) then proceed into plans and specifications and construction could be initiated as early as early 1999. Following is the preliminary schedule:

Corps approves PRP:	November 1997
Corps approves PMR:	September 1998
Completion of P&S:	April 1999
Cost sharing agreement with sponsor:	April 1999
Initiate construction:	June 1999

d. Justification for Project and Funding by CALFED: The proposed project would improve and increase aquatic and terrestrial habitats and improve ecological functions within the Sacramento-San Joaquin Delta and would support sustainable populations of diverse and valuable plant and animal species. This objective is the same as the objective of the CALFED Bay-Delta Program.

e. Budget Costs and Third Party Impacts: The Corps of Engineers will provide 75 percent of the cost of the development of the feasibility study, plans and specifications, and construction. The non-Federal sponsor will be responsible for the remaining 25 percent of these costs. The preliminary cost of implementing this project is \$6,640,000. The cost of preparing the PMR is \$300,000. Annual operation and maintenance is estimated to be \$40,000 per year.

f. Applicant Qualifications: The potential non-Federal sponsor for this project is the State of California. The potential non-Federal sponsor has a strong interest in ecosystem restoration.

g. Monitoring and Data Evaluation: Resident instream fishery populations will be monitored both before and after project implementation. Establishment of riparian and shaded riverine aquatic habitat will also monitored.

h. Local Support/Coordination/CALFED Compatibility: Local support for this project is strong. Reclamation District 563 maintains the levees and has requested that the Corps evaluate potential ecosystem restoration opportunities at this site. The Reclamation Board has expressed a willingness to participate as the project's non-Federal sponsor. This project is being pursued under the Corps of Engineers Section 1135 Program - Project Modification for the Improvement of the Environment. The project is fully compatible with the objectives of CALFED.